

GENERIC NAME: **PHENYLEPHRINE NASAL SPRAY 0.5%**
112.24
BRAND NAME: Neo-synephrine Nasal Spray 0.5%
CLASS: topical vasoconstrictor

Mechanism of Action:

Stimulates α receptors in the blood vessels of the nasal mucosa which causes their constriction and thereby decreases the risk of nasal bleeding.

Indications and Field Use:

Facilitation of nasotracheal intubation

Contraindications:

Known allergy to medication

Adverse Reactions: (rare with single dose, rarely absorbed systemically from nasal instillation)

CV: Hypertension, palpitations

CNS: Tremors

NOTES ON ADMINISTRATION

Incompatibilities/Drug Interactions:

None

Adult Dosage:

2-4 sprays in each nostril before attempting tube insertion

Pediatric Dosage:

None

Routes of Administration:

Mucosal; spray in each nostril

Onset of Action:

Seconds

Peak Effects:

30 minutes

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Duration of Action:

30 minutes to 4 hours

Dosage Forms/Packaging:

0.5% solution, 15 ml bottle

Arizona Drug Box Supply Range:

PARAMEDIC: 1 - 2 bottles

INTERMEDIATE: 1 - 2 bottles

Special Notes:

- > **Single patient use only.**
- > Air or strong light causes potency loss; do not use solution if brown in color or precipitate is in bottle.
- > Nasal intubation tips: examine nares for most patent side; administer topical vasoconstrictor, use ETT 0.5-1.0 mm smaller than for oral intubation; lubricate nostril and tube; tube bevel face nasal septum to avoid abrading Kieselbach's Plexus; advance tube along nasal floor of more patent side.